

ENTERED



OIPE

AUG 11 2003

TECH CENTER 1600/2900

RAW SEQUENCE LISTING

DATE: 06/05/2003

PATENT APPLICATION: US/09/834,271A

TIME: 07:36:18

Input Set : N:\Crf3\RULE60\09834271A.RAW.txt

Output Set: N:\CRF4\08052003\I834271A.raw

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1 <110> APPLICANT: Widner, William
2         Sloma, Alan
3         Thomas, Michael E.
4 <120> TITLE OF INVENTION: Methods For Producing A polypeptide In a
5         Bacillus Cell
6 <130> FILE REFERENCE: #455,200-US
7 <140> CURRENT APPLICATION NUMBER: 09/834,271A
8 <141> CURRENT FILING DATE: 2001-04-12
9 <150> PRIOR APPLICATION NUMBER: US/09/258,377
10 <151> PRIOR FILING DATE: 1999-02-26
11 <152> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/031,442
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13 <160> NUMBER OF SEQ ID NOS: 33
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16 <211> LENGTH: 34
17 <212> TYPE: DNA
18 <213> ORGANISM: Bacillus
20 <400> SEQUENCE: 1
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23 <210> SEQ ID NO: 2
24 <211> LENGTH: 91
25 <212> TYPE: DNA
26 <213> ORGANISM: Bacillus
27 <400> SEQUENCE: 2
28         ccggaatttc cgggccctgc agttcgaata gctacgccta ggcgcggcg c      51
31 <210> SEQ ID NO: 3
32 <211> LENGTH: 38
33 <212> TYPE: DNA
34 <213> ORGANISM: Bacillus
35 <400> SEQUENCE: 3
36         agctacggtt taagggcccg ggacgtcgag ctcaagcttg cggccgccat ggicgacg      58
39 <210> SEQ ID NO: 4
40 <211> LENGTH: 58
41 <212> TYPE: DNA
42 <213> ORGANISM: Bacillus
43 <400> SEQUENCE: 4
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45 <210> SEQ ID NO: 5
46 <211> LENGTH: 37
47 <212> TYPE: DNA
48 <213> ORGANISM: Bacillus
49 <400> SEQUENCE: 5

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Input Set : N:\Crf3\RULE60\09834271A.RAW.txt

Output Set: N:\CRF4\08052003\I834271A.raw

49	ctccggggccc atctgagctc tataaaaaatg aggaggc	37
51 <110>	SEQ ID NO: 6	
52 <111>	LENGTH: 17	
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54 <113>	ORGANISM: Bacillus	
55 <400>	SEQUENCE: 6	
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57 <110>	SEQ ID NO: 7	
58 <111>	LENGTH: 17	
59 <112>	TYPE: DNA	
60 <113>	ORGANISM: Bacillus	
61 <400>	SEQUENCE: 7	
62	ctccggggccc aggcccgcat ggcgccttct ttgtgct	37
63 <110>	SEQ ID NO: 8	
64 <111>	LENGTH: 10	
65 <112>	TYPE: DNA	
66 <113>	ORGANISM: Bacillus	
67 <400>	SEQUENCE: 8	
68	ctccggggccc ttccaatgtg taacatatga	30
69 <110>	SEQ ID NO: 9	
70 <111>	LENGTH: 42	
71 <112>	TYPE: DNA	
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73 <400>	SEQUENCE: 9	
74	ctccggggccc aggccctgca atcgattgtt tgagaaaaaga ag	42
75 <110>	SEQ ID NO: 10	
76 <111>	LENGTH: 43	
77 <112>	TYPE: DNA	
78 <113>	ORGANISM: Bacillus	
79 <400>	SEQUENCE: 10	
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81 <110>	SEQ ID NO: 11	
82 <111>	LENGTH: 10	
83 <112>	TYPE: DNA	
84 <113>	ORGANISM: Bacillus	
85 <400>	SEQUENCE: 11	
86	ctccggggccc agctttcagt gaagtaacgtg	30
87 <110>	SEQ ID NO: 12	
88 <111>	LENGTH: 12	
89 <112>	TYPE: DNA	
90 <113>	ORGANISM: Bacillus	
91 <400>	SEQUENCE: 12	
92	ctccggggccc ggcgcgttac aattcaaag	19
93 <110>	SEQ ID NO: 13	
94 <111>	LENGTH: 17	
95 <112>	TYPE: DNA	
96 <113>	ORGANISM: Bacillus	
97 <400>	SEQUENCE: 13	
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Output Set: N:\CRF4\08052003\I834271A.raw

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107 <210> SEQ ID NO: 14
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109 <212> TYPE: DNA
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113 <210> SEQ ID NO: 15
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115 <212> TYPE: DNA
116 <213> ORGANISM: Bacillus
117 <400> SEQUENCE: 15
118      gacacatac attgtgaaat c      21
119 <210> SEQ ID NO: 16
120 <211> LENGTH: 13
121 <212> TYPE: DNA
122 <213> ORGANISM: Bacillus
123 <400> SEQUENCE: 16
124      gacacatac ttaattaag ott      25
125 <210> SEQ ID NO: 17
126 <211> LENGTH: 13
127 <212> TYPE: DNA
128 <213> ORGANISM: Bacillus
129 <400> SEQUENCE: 17
130      gacacatac ttgttcattgt gaa      25
131 <210> SEQ ID NO: 18
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133 <212> TYPE: DNA
134 <213> ORGANISM: Bacillus
135 <400> SEQUENCE: 18
136      gacacatac tacataattt tca      25
137 <210> SEQ ID NO: 19
138 <211> LENGTH: 44
139 <212> TYPE: DNA
140 <213> ORGANISM: Bacillus
141 <400> SEQUENCE: 19
142      gacataaagg ggggttgaca ttattttact gataatgata atat      44
143 <210> SEQ ID NO: 20
144 <211> LENGTH: 48
145 <212> TYPE: DNA
146 <213> ORGANISM: Bacillus
147 <400> SEQUENCE: 20
148      gataaataga ctatacatat tatattaaac atattctttt acctcgag      46
149 <210> SEQ ID NO: 21
150 <211> LENGTH: 3050
151 <212> TYPE: DNA
152 <213> ORGANISM: a:Bacillus
153 <400> SEQUENCE: 21
154      tggaaaagta agatgaaacc ttagataaaa gtgctttttt tgttgcaatt gaagaattat      60
155      taatgttaag ctttaattaaa gataatatct ttgaattgta acgacctca aaagtaagaa      120

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Output Set: N:\CRF4\08052003\I834271A.raw

162	ctacaaaaaa	agaatacgtt	atatagaaat	atgtttgaac	cttcttcaga	ttacaaatat	180
164	attcgggagg	actctacctc	aatgtttat	ctaactatag	aatgacatcc	aagcacaccc	240
166	ttgaaaattt	gaaaaatata	ctaccaaata	acttggtccat	gtgaattatc	gctgtattta	300
168	atctttctca	ttcaatatat	aatatgcca	tacattgtta	caagttagaa	tttaagacac	360
169	cttgatagcc	ttactatacc	taacatgatg	tagtattaaa	tgaatatgta	aatatattta	420
169	tgataagaag	cgacttatct	ataatcatta	catatttttc	tattggaatg	attaagattc	480
169	caatagaata	gtgtataaat	tatttatctt	gaaaggaggg	atgcttaaaa	acgaagaaca	540
170	ttaaaaacat	atatttgcac	cgtctaatgg	atttatgaaa	aatcatttta	tcagtttgaa	600
171	aattatgtat	tatgataaga	aaggggaggaa	gaaaaatgaa	tcgaacaaat	cgaagtgaac	660
172	aatgataaat	aaaaactact	gaaaataatg	aggtgcacac	taacctgttc	caatatcctt	720
172	taggggcaac	tcacaaatcca	acactagaag	atttaaatta	taagaggttc	tttaagaatga	780
174	ctgcagataa	taatacggaa	gcactagata	gctctacaaa	aaaagatgtc	attcaaaaag	840
175	gcatttcogt	agtaggtgat	ctcctaggcg	tagtaggttt	cccgtttggt	ggagcgcttg	900
176	ttctgtttta	tacaaaactt	ttaaaatact	cttggtcaag	tgaagacccg	tggaaggctt	960
177	ttatggaaac	agtagaagca	ttgatggatc	agaaaaatag	tgattatgca	aaaaataaag	1020
177	ctcttgacga	gttaacaggc	cttcacaaata	atgtcgaaga	ttatgtgagt	gcatttgagt	1080
178	catgggcaaaa	aaatcctgtg	agttcacgaa	atccacatag	ccaggggcgg	ataagagagc	1140
180	tgctttctca	agcagaaggt	catctctgtt	attcaatgcc	ttcgtctgca	attctctggat	1200
181	acgaggttct	atttctaaaa	acatatgcac	aagctgcaca	cacacattta	tttttaactaa	1260
182	aagaagctca	aatttatgga	gaagaatggg	gatacgaaaa	agaagatatt	gctgaatttt	1320
183	ataaaagaca	actaaaaact	acgcagaagt	ataatgaaca	ttgtgtcaaa	tggtataaatg	1380
184	ttggattaga	taaaatgaag	ggttcactct	atgaattctg	ggtaaacctt	aaocgttctc	1440
185	gcagagagag	gcatttaaca	gtaattagat	taattgcact	atttccattg	tatgatgttc	1500
186	ggtctataccc	aaaagaaggt	aaaaacgaat	taacaaagga	cgttttaaca	gatcccaattg	1560
187	toggagtcaa	caaccttagg	ggttatggaa	caacctcttc	taatatagaa	aatttatatto	1620
188	gaaaaacaca	tctatttgac	tatctgcata	gaattcaatt	tcacacggcg	ttccaaaccag	1680
189	gatattatgg	aaatgactct	ttcaattact	ggtcoggttaa	ttatgtttca	actagaccaa	1740
190	gcattaggatc	aaatgatata	atcacctctc	catctctatg	aaataaatcc	agtgaacctg	1800
191	tacaaaatct	agaattcaat	ggagaaaaag	cttatagagc	cgtagcaaat	acaaatcttg	1860
192	cggctcggcc	gtccgctgtt	tattccagtg	ttacaaaaag	ggaacttagc	caatataatg	1920
193	atcaaacaga	tgaagcaagt	acacaaaagt	acgaactcaa	aaagaatgtt	ggcgcggtca	1980
194	gctgggattc	tatcgatcaa	ttgcctccag	aaaacacaga	tgaacctctt	gaaaagggat	2040
195	atagocattca	actcaattat	gtaatgtgct	ttttaatgca	gggtagttag	ggaaacaatcc	2100
196	cagtgttaac	ctggacacat	aaaagtgtag	acttttttaa	catgattgat	togaaaaaaa	2160
197	ttacacaaat	tcogttagta	aaggtatata	agttacactc	tggtgcttcc	gttgtccgag	2220
198	gtcctaggtt	tacaggagga	gatataatc	aatgcacaga	aaatgggaag	goggcaacta	2280
199	tttaagttac	acgggatgtg	tctactcttc	aaaaatatcg	agctagaatt	cattatgctt	2340
200	ctacatctca	gataacattt	acactcagtt	tagacggggc	acattttaat	caatactatt	2400
201	togataaaaac	gataaataaa	ggagacacat	taacgtataa	ttcatttaat	ttagcaagtt	2460
202	tcagcacaccc	attcgaatta	tcagggaata	acttacaaaat	aggcgtcaca	ggattaagtg	2520
203	ctggagataaa	agtttatata	gacaaaaattg	aatttattcc	agtgaattaa	attaactaga	2580
204	aagttaagaa	gtagtgaaca	cttatgatag	taagcaaaag	ataaaaaaat	gagttcataa	2640
205	aatgaataac	atagtgttct	tcaactcttg	ctttttgaag	gtagatgaag	aacactattt	2700
206	ttattttcaa	aatgaaggaa	gtttttaaata	tgtaatcatt	taaggggaac	aatgaaagta	2760
207	ggaaataaagt	cattatctat	aacaaaaata	cattttttata	tagccagaaa	tgaattataa	2820
208	tatnaactct	ttctaaattg	acgtttttct	aaaogttcta	tagcttcaag	acgcttagaa	2880
209	tcactcaatat	tgtatcacag	agctgttgtt	tcacatcagt	tatgtcccat	ttgattcgct	2940
210	aatagaacaa	gatctttatt	ttcgttataa	tgatttggtg	cataagtatg	gogtaattta	3000
211	tgaggcgctt	tcttttcact	aaaagccctc	gtgtattttc	ctgtaagctt		3060

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TIME: 07:36:19

Input Set : N:\Crf3\RULE60\09834271A.RAW.txt

Output Set: N:\CRF4\08052003\I834271A.raw

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213 <210> SEQ ID NO: 22
214 <211> LENGTH: 17
215 <212> TYPE: DNA
216 <213> ORGANISM: Bacillus
217 <400> SEQUENCE: 12
218      ggccttaagg ggcctgca
219 <210> SEQ ID NO: 23
220 <211> LENGTH: 12
221 <212> TYPE: DNA
222 <213> ORGANISM: Bacillus
223 <400> SEQUENCE: 13
224      tttctctctc cttttattcc tt
225 <210> SEQ ID NO: 24
226 <211> LENGTH: 14
227 <212> TYPE: DNA
228 <213> ORGANISM: Bacillus
229 <400> SEQUENCE: 14
230      gagcttcatt tctttataca aatttatat
231 <210> SEQ ID NO: 25
232 <211> LENGTH: 185
233 <212> TYPE: DNA
234 <213> ORGANISM: Bacillus
235 <400> SEQUENCE: 15
236      ggccttaagg ggcctgcaatc gattggttga gaaaagaaga agaccataaa aataccttgt
237      ctgtcctcag acaggggtatt ttttatgctg tccagactgt ccgctgtgta aaaaaatagga
238      ataaaggagg gtgtgacatta ttttactgat atgtataata taatttgtat aagaaaatgg
239      agtc
240 <210> SEQ ID NO: 26
241 <211> LENGTH: 185
242 <212> TYPE: DNA
243 <213> ORGANISM: Bacillus
244 <400> SEQUENCE: 16
245      ggccttaagg ggcctgcaatc gattggttga gaaaagaaga agaccataaa aataccttgt
246      ctgtcctcag acaggggtatt ttttatgctg tccagactgt ccgctgtgta aaaaaatagga
247      ataaaggagg gtgtgacatta ttttactgat atgtataata taatttgtat aagaaaatgg
248      agtc
249 <210> SEQ ID NO: 27
250 <211> LENGTH: 185
251 <212> TYPE: DNA
252 <213> ORGANISM: Bacillus
253 <400> SEQUENCE: 17
254      ggccttaagg ggcctgcaatc gattggttga gaaaagaaga agaccataaa aataccttgt
255      ctgtcctcag acaggggtatt ttttatgctg tccagactgt ccgctgtgta aaaaaatagga
256      ataaaggagg gtgtgacatta ttttactgat atgtataata taatttgtat aagaaaatgg
257      agtc
258 <210> SEQ ID NO: 28
259 <211> LENGTH: 13
260 <212> TYPE: DNA
261 <213> ORGANISM: Bacillus

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VERIFICATION SUMMARY

DATE: 08/05/2003

PATENT APPLICATION: US/09/834,271A

TIME: 07:36:20

Input Set : N:\Crf3\RULE60\09834271A.RAW.txt

Output Set: N:\CRF4\08052003\I834271A.raw

L:12 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD

STATISTICS SUMMARY

DATE: 08/05/2003

PATENT APPLICATION: US/09/834,271A

TIME: 07:36:20

Input Set : N:\Crf3\RULE60\09834271A.RAW.txt

Output Set: N:\CRF4\08052003\I834271A.raw

Application Serial Number: US/09/834,271A

Alpha or Numeric or Xml: Numeric

Application Class:

Application File Date: 04-12-2001

Art Unit: OIPE

Software Application: FastSEQ3.0

Total Number of Sequences: 33

Total Nucleotides: 4542

Total Amino Acids: 0

Number of Errors: 0

Number of Warnings: 1

Number of Corrections: 0

MESSAGE SUMMARY

256 W: 1 (Invalid Numeric Header Field)